Black & White Printer

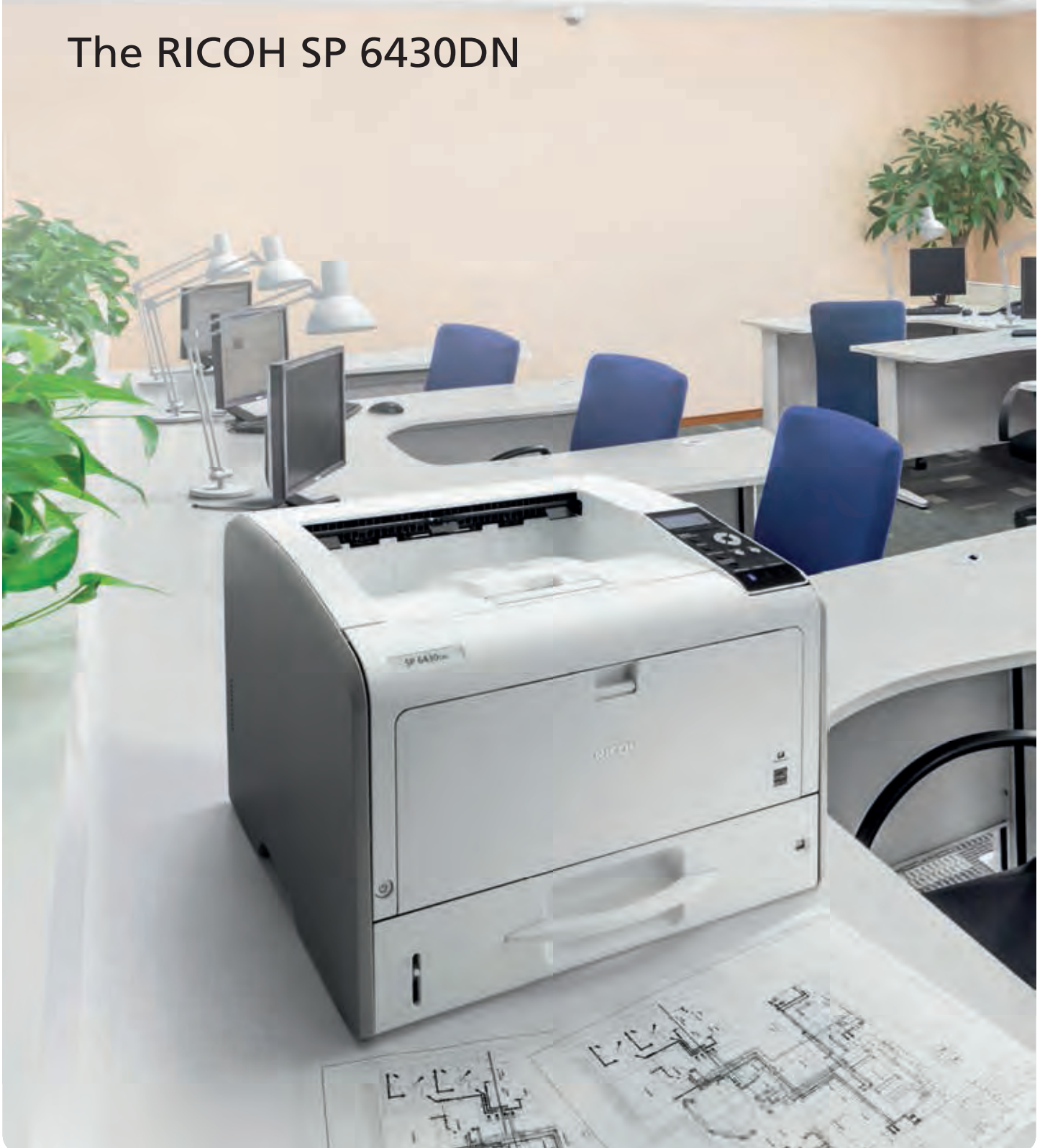# RICOH SP 6430DN

☑ Printer

RICOH
imagine. change.

SP 6430DN

38 ppm B/W

Print larger sizes in smaller space with the RICOH SP 6430DN.

The RICOH SP 6430DN is a printer with solid fundamental performance and the reliability to keep your work rolling non-stop. The SP 6430DN uses LED printhead technology, allow high-quality of 1200 x 1200 resolution printing in black and white drawings, schematics, floor plans and more with sizes up to 11" x 17".

The RICOH SP 6430DN

RICOH SP 6430DN Key Features

Start printing quickly

The longer you have to wait for a print job, the less time you have to work on the next one. Meet deadlines without compromising quality with the small but powerful Ricoh SP 6430DN printer. Warm up time is less than 17 seconds, and first print time is only 6.5 seconds, so you can begin printing almost immediately. With output speeds up to 38 pages per minute, even at optimal resolution, you can finish your project and transition to the next job quickly.

Handle a wider range of jobs

Improve efficiency and productivity with the Ricoh SP 6430DN. Bring more projects in-house with expansive media handling options that allow you to print on ledger size paper, thicker stocks, letterhead, recycled paper, labels and even envelopes with crisp 1200 x 1200 resolution. Need CAD drawings, manufacturing designs, financial spreadsheets or real estate floor plans? Print at up to 11" x 17" so you and your customers can see exact details of the project with more clarity, which will help make those difficult design decisions easier and more convenient.

Cost efficiency and Environmental Compliance

Reduce paper and supply cost with default automatic duplex printing. With the ECO-Night Sensor, you can program the Automatic startup and shut down of the printer base on ambient light. This effectively conserve energy when the office is closed. In addition, the Ricoh SP 6430DN is ENERGY STAR certified and offers incredibly low typical electricity consumption (TEC).

Use a more secure network and protect data

You may share a printer with your coworkers, but you probably don't want to share everything. If you work in banking, human resources or other organization that manages confidential information, security is important. With the USB Device Server option, you can use a different IP address to connect the Ricoh SP 6430DN to a second secure network to safeguard specific information from the Internet and other security threats. In addition, with an optional Hard Disk Drive you can use Locked Print function to hold jobs at the printer until the user authenticate to release it. This ensure confidentiality.

SP 6430DN
SYSTEM SPECIFICATIONS

ENGINE SPECIFICATIONS

SP 6430DN

Configuration	Desktop
Technology	LED
Printing Process	Electro-photographic printing
Toner Type	Dry, single component
Control Panel	4-line LCD
Print Resolution	300 x 300 dpi/600 x 600dpi/ 1200 x1200 dpi
B&W Print Speed (A4)	38 Pages per minute
Maximum Monthly Volume	20,000 prints
Maximum Monthly Duty Cycle	150,000 prints
First Page Output	6.5 seconds or less
Warm-Up Time	17 seconds or less
Standard Paper Capacity	600 sheets (500-sheet Tray + 100-sheet Bypass Tray)
Maximum Paper Capacity	2,100 sheets
Standard Output Capacity	Up to 500 sheets, face down
Supported Paper Sizes	Standard Tray : A3,A4,A5,B4, B5,B6, Letter Size, Legal size
	Optional Tray : A3,A4,A5,B4, B5,B6, Letter Size, Legal size
	Bypass Tray : A3,A4,A5,B4, B5,B6, Letter Size, Legal size
Supported Paper Weights	All Trays : 56 – 220 gsm Duplex (56 – 162gsm)
Supported Paper Types	Plain paper, Thick paper, Recycled paper, Special paper, Color paper, Letterhead, Preprinted, Label paper, Envelop
Duplexing	Automatic (Standard)
Dimensions (WxDxH)	459 mm x 392 mm x 347.5 mm
Weight	22.5Kg
Power Consumption (Operating)	1,073w or less
Power Consumption (Sleep Mode)	0.57W or less
Typical Electricity Consumption (TEC)	2.31kwh or less
Power Requirements	220 – 240V, 50/60Hz
Recovery from Sleep Mode	5.0 seconds or less
Energy Star	Certified
EPEAT	Gold

CONTROLLER SPECIFICATIONS

Processor Speed	533 MHz
Memory (Standard/Maximum)	512MB/ 1 GB RAM
Hard Disk Drive	250 GB (Optional)
Connection Type	10/100/1000Base-TX Ethernet (RJ45)
	Gigabit Network Interface
	USB 2.0 High Speed Type B (for direct computer connection)
	Dual USB 2.0 Host Type A (for external device connection)
	Dual SD Card Slots (for expanded functions/device customization)
Optional Interfaces	USB Device Server
	IEEE 802.11a/b/g/n Wireless LAN Type O
	IEEE 1284/ECP Parallel Interface Type A
Printer Languages	PCL6/5e
	Adobe PostScript 3
	PDF Direct Print
	Optional : IPDS*, XPS
Font Support	PCL5:45 fonts + 13 International fonts
	PCL6:45 fonts
	Postscript 3 :136 fonts
	IPDS: 1008 fonts (optional)
Network Protocols	TCP/IP
Supported Operating Systems	Windows XP/Vista/7/8/8.1/ Server2003/Server2008/ Server2008 R2/Server2012/ Server2012 R2
	Mac OS (X10.6 or later) *PS only
Device Management Utilities	Web Image Monitor, @Remote, Device Manager NX series, Printer Driver Packager NX
Mobile Print	Ricoh Smart Device Print&Scan App
Other Print Features	Reduce/Enlarge, Collate, Layout(N-up),Toner Saving, Watermark, Rotate Print, Support for Universal Driver, Sample Print, Hold Print, Store and Print, Media Direct Print(print from USB/SD),Banner Page Print, Poster Print, Wi-Fi Protected Support (WPS),External USB Keyboard Support, Import/Export of Preference Settings.

*Hard Disk Drive or 1 GB optional memory required

CONTROLLER OPTION

-USB Device Server Option
-250 GB Hard Disk Drive
-1.0 GB Memory Unit
-IEEE 802.11 Interface Unit
-IEEE 1284 Interface Board
-VM Card
-XPS Direct Print Option

HARDWARE OPTIONS

-Paper Feed Unit TK2010
500 Sheets Paper Capacity
Dimension (W x D x H)
(459 mm x 392 mm x 124 mm)
Weight (6 kg)

CONSUMABLE AND YIELDS

Print Cartridge	Approx 10,000 Pages*
Drum Unit	Approx 25,000 Pages
Maintenance Kit	Approx 90,000 Pages

*Declared yield values in accordance with ISO/IEC 19752
Actual yields may vary based on types of images printed and other factors

The Ricoh SP 6430DN ships with starter toner that yields 6,000 pages (ISO/IEC 19752)

For Maximum performance and yield, we recommend using genuine Ricoh parts and supplies.
Specifications subject to change without notice